

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A network management system (1) for managing management data of plant (5) an object plant of a communications network, ~~each unit of the plant~~ object plant including a management information base (6) ~~(MIB)~~ containing a values of a fields and associated with a ~~management information base~~ an MIB definition (7) including a corresponding fields ~~field~~ and accessible in a ~~the~~ network management system (NMS), ~~which system is characterized in that it includes the system comprising:~~

an MIB definition unit that stores MIB definitions corresponding to a plurality of types of plant and including the MIB definition associated with a type of the object plant; and

at least one automatic descriptor (8) ~~unit~~ that: i) includes

first data designating ~~designates~~ at least one type of network ~~the object plant~~ (5) when the object plant joins the communication network, wherein the designation of the object plant is performed by using first data configured to designate a plurality of types of plant; and second data designating

designates management information base definitions (7) ~~the MIB definition~~ associated with ~~said the type of the object plant~~ (5) using second data;

and ii)

is adapted, in the event of receiving data designating said the type of the object plant (5), ~~to access~~ accesses the ~~fields~~ corresponding field of said

management information base definitions (7) the MIB definition associated with the ~~designated type of the object plant,~~ and then ~~to deliver~~ delivers third data representative of the value of the fields filed contained in the MIB of the object plant (5) of the designated type.

2. (currently amended): A system according to claim 1, ~~characterized in that it includes further comprising a set of at least one non-automatic descriptors~~ descriptor unit in addition to ~~said the at least one automatic descriptor (8) unit.~~

3. (currently amended): A system according to claim 1, characterized in that ~~said the at least one automatic descriptor unit (8) is adapted,~~ in the event of receiving data designating an address of a the object plant unit of said designated type, ~~to access~~ accesses the fields corresponding field of the ~~management information MIB definition (7) associated with said designated unit of the plant (5), then to command~~ commands extraction from the management ~~information base (7) MIB of the designated object plant (5) of the values value of at least some of said fields the field contained in said definition (7), and then to deliver~~ delivers the value as the third data ~~representative of said extracted values.~~

4. (currently amended): A system according to claim 3, characterized in that, if said ~~management information bases (6) the MIB of said the object plant (5) takes the a~~ form of a tree associated with at least one table, ~~said the at least one automatic descriptor (8) is adapted to~~

~~deliver~~ delivers the third data in the form of a tree and at least one table including ~~said the~~
~~extracted field values~~ value.

5. (currently amended): A system according to ~~either~~ claim 3, characterized in that
~~said the at least one~~ automatic descriptor (8) ~~is adapted to extract~~ extracts ~~said the~~ field values
value from ~~said management information bases (6) of the plant (5) of the network~~ the MIB of the
object plant.

6. (currently amended): A system according to claim 1, characterized in that ~~said~~
the at least one automatic descriptor (8) ~~includes~~ fourth data designating a graphical
representation such that ~~said the~~ third data ~~can be~~ is displayed in a chosen format.

7. (currently amended): A system according to claim 1, characterized in that ~~said~~
the at least one automatic descriptor (8) ~~consists of~~ comprises at least one set of program code
files and at least one set of configuration files.

8. (currently amended) A system according to claim 7, characterized in that ~~one of~~
~~said the~~ program code files includes ~~said the~~ first data designating ~~said the~~ type of the object
plant (5) and ~~another of said program code files includes said the~~ second data designating ~~said~~
the management information base definitions (7) MIB definition associated with the type of the
object plant (5) of ~~said type~~.

9. (currently amended): A system according to claim 7, characterized in that said the program codes-code files are in Java.

10. (currently amended): A system according to claim 1, characterized in that said the field values-are-value is extracted in accordance with a protocol chosen from the group comprising the SNMP, CORBA, CMISE/CMIP, and TL1 protocols.

11. (currently amended): A management server (2)-of a communications network including a plurality of plant-plants wherein each unit of the plant-plants includes a management information base (MIB) that contains a values-value of fields-a filed, and is associated with a management information base-an MIB definition including a corresponding fieldsfiled, which server is characterized in that it includes a-the management-system-(1) according to claim 1.

12. (currently amended) A method of managing management data of an object plant (5)-of a communications network wherein each-unit-of-the object plant includes a management information base-(6) (MIB) containing a values-value of fields-a field and associated with a management information base-an MIB definition-(7) including fields-a corresponding and accessible in a-the network management system-(NMS), which-the method is characterized in that it consists in comprising:

providing-causing an-at least one automatic descriptor (8)-including to designate the object plant using first data designating at least one-a plurality of type-types of network-plant including the type of the object plant (5) when the object plant joins the communication network,

and second data to ~~designating designate~~ management information based definitions (7) ~~the~~ MIB definition associated with said type(s) ~~the type of the object plant using second data~~, and, in the event of designation of a ~~the type of the object plant~~ (5), using said automatic descriptor (8) to access the ~~corresponding fields~~ field of said management information base definitions (7) ~~the~~ MIB definition associated with the ~~designated type of the object plant~~; and

~~then~~ delivering third data representative of ~~the value of the fields~~ filed contained in the MIB of the object plant (5) of the designated type.

13. (currently amended) A method according to claim 12, characterized in that, if an address of a ~~the network plant unit~~ (5) is designated in addition to its ~~the type of the object plant~~, said ~~the at least one~~ automatic descriptor (8) is used to access the ~~corresponding~~ field of the management information base definition (7) ~~MIB definition~~ associated with said designated plant (5), and the ~~values~~ value from at least some of said fields ~~the field~~ contained in said definition (7) ~~are is~~ extracted from the management information base (6) ~~MIB~~ of the object plant (5) designated by the address received, after which ~~the~~ third data representative of ~~the said extracted values~~ value is delivered.

14. (currently amended) A method according to claim 13, characterized in that, ~~in the case of if the~~ management information bases (6) ~~MIB~~ ~~taking takes the a~~ form of a tree associated with at least one table, said ~~the at least one~~ automatic descriptor (8) is used to deliver ~~the~~ third data in the form of a tree and at least one table including said ~~the~~ extracted field ~~values~~ value.

15. (currently amended): A method according to claim 12, characterized in that, if ~~said the at least one~~ automatic descriptor (8) includes fourth data designating a graphical representation, ~~said the~~ third data is displayed in a chosen format corresponding to ~~said the~~ graphical representation.

16. (canceled)

17. (previously presented): A method according to claim 12, characterized in that said communications network comprises at least one of a WDM network, a SONET network, an SDH network, an Internet Protocol (IP) network, an ATM network, a conventional voice network, a mobile voice network, and an NGN network.

18. (canceled)

19. (previously presented): A system according to claim 1, characterized in that said communications network comprises at least one of a WDM network, a SONET network, an SDH network, an Internet Protocol (IP) network, an ATM network, a conventional voice network, a mobile voice network, and an NGN network.

20. (canceled)

21. (previously presented): A system according to claim 2, characterized in that said communications network comprises at least one of a WDM network, a SONET network, an SDH network, an Internet Protocol (IP) network, an ATM network, a conventional voice network, a mobile voice network, and an NGN network.